Michal Wozniak

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English, French, Polish

Education

2016   Bachelor of Software Engineering
            Concordia University, Montreal

2010   DEC in Pure and Applied Science
            College de Maisonneuve, Montreal

Skills

Languages: Java, C#, Prolog, JavaScript, HTML, PHP

Software: Eclipse, Visual Studio, Notepad++

Projects

4 bit computer

- A 4 bit computer assembled on a breadboard using logic chips.
- Move data between register, do some addition operation
  System hardware course project

Shopping cart website

- Home page showing items, login/registration page, shopping cart page and receipt page.
- HTML, JavaScript, PHP, AJAX
  Introduction to web application course project

Aircraft air pressure system

- UML state diagram of pressure system
- Implement all the state transitions, guards, events, using PROLOG
  Introduction to formal methods for software engineering

Hash table comparison

- Implement hashing function that will provide the less collisions using Java
- Compare data between separate chaining and double hashing
- Max number of collisions, average number of collision, numbers of cells with collisions, total number of collisions, load factor, size of hash table
  Data structures and Algorithms course